

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lu et al.
Appl. No. : 10/828,549
Filed : April 21, 2004
Title : LIGHT-EMITTING DEVICES WITH AN EMBEDDED CHARGE
INJECTION ELECTRODE

Grp./A.U. :
Examiner :

Docket No.: 14683

Honorable Commissioner of Patents
Alexandria, VA 22313-1450

Sir:

PTO CUSTOMER NO. 000293

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Only copies of the non-US references listed on the attached Form PTO-1449 are attached.

Respectfully submitted,

DOWELL & DOWELL, P. C.

DOWELL & DOWELL, P.C.
Suite 309, 1215 Jefferson Davis Highway
Arlington, Virginia 22202
Telephone: (703) 415-2555

Ralph A. Dowell, Reg. No.: 26,868
Date: August 10, 2004

FORM PTO-1449
(Rev. 7-89)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 14683

Serial No.
10/828,549**LIST OF PRIOR ART CITED BY APPLICANT**

(Use several sheets if necessary)

APPLICANT Lu et al.

FILING DATE 04/21/2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	7	7	3	9	2	9	06/30/98				
	AB	6	1	8	8	1	7	6	02/13/01				
	AC	6	3	1	6	8	7	4	11/13/01				
	AD	6	0	6	9	4	4	2	05/30/00				
	AE	5	7	7	6	6	2	3	07/07/98				
	AF	6	6	1	4	1	7	5	09/02/03				
	AG	6	5	6	6	8	0	7	05/20/03				
	AH	6	5	6	5	9	9	3	05/20/03				
	AI	6	4	8	9	0	4	4	12/03/02				
	AJ	6	4	6	9	4	3	7	10/22/02				
	AK	6	3	5	1	0	6	7	02/26/02				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL													

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

	AM	"Degradation Mechanism of Small Molecule-Based Organic Light-Emitting Devices", Aziz et al., Science, March 19, 1999, Vol 283, pp 1900-1902.
	AN	"Metal/AlQ ₃ Interface Structures", Turak et al. Applied Physics Letters, July 22, 2002, Vol 81 (4), pp 766-768.
	AO	"Studies of Alq/Mg: Ag Interface in Organic Light-Emitting Diodes by XPS", Feng et al., Mat. Res. Soc. Symp. Proc., 2002, Vol 725, pp P4.8.1P4.8.6.

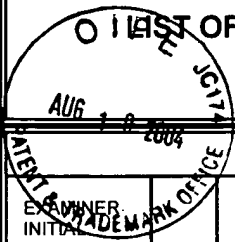
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449
(Rev. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 14683

Serial No.
10/828,549

LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)

APPLICANT Lu et al.

FILING DATE 04/21/2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AP	6	4	2	9	4	5	1	08/06/02				
	AQ	6	4	1	1	0	1	9	06/25/02				
	AR	5	7	7	6	6	2	2	07/07/98				
	AS	6	0	6	4	1	5	1	05/16/00				
	AT	5	4	5	7	5	6	5	10/10/95				
	AU	5	9	5	2	7	7	9	09/14/99				
	AV	5	9	6	9	4	7	4	10/19/99				
	AW	6	0	1	3	3	8	4	01/11/00				
	AX	6	1	3	7	2	2	3	10/24/00				
	AY	2003/0035979							02/20/03				
	AZ												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BA													

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, Etc.)

	BB	"Humidity-Induced Crystallization of Tris (8-Hydroxyquinoline) Aluminum Layers in Organic Light-Emitting Devices", Aziz et al., Applied Physics Letters, Feb. 16, 1998, Vol 72 (7), pp 756-758
	BC	"Transparent-Cathode for Top-Emission Organic Light-Emitting Diodes", Han et al., Applied Physics Letters, April 21, 2003, Vol 82 (16), pp 2715-2717.
	BD	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.